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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,130	03/01/2002	Emil J. Hatfalvi	741946-45	4090

22204	7590	03/16/2006

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EXAMINER
PARTHASARATHY, PRAMILA

ART UNIT	PAPER NUMBER
2136	

DATE MAILED: 03/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/085,130	HATFALVI ET AL.
	Examiner	Art Unit	
	Pramila Parthasarathy	2136	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>01 April 2005</u>.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-20* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-20* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *3/2,7/2,7/4,1/5*.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

1. This action is in response to the communication filed on 4/01/2005. Claims 1 – 20

are currently pending.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 3/01/2002, the

examiner is considering 7/24/2002, 7/28/2004 and 1/03/2005 and initialed copies of IDS

are attached to this office action.

Claim Rejections - 35 USC § 102

> (e) the invention was described in (1) an application for patent, published under section 122(b), by
> another filed in the United States before the invention by the applicant for patent or (2) a patent
> granted on an application for patent by another filed in the United States before the invention by the
> applicant for patent, except that an international application filed under the treaty defined in section
> 351(a) shall have the effects for purposes of this subsection of an application filed in the United States
> only if the international application designated the United States and was published under Article 21(2)
> of such treaty in the English language.

3. Claims 1- 20 are rejected under 35 U.S.C. 102(e) as being anticipated by

Newman et al. (U.S. Patent Number 6,948,003).

4.   Regarding Claim 1, Newman teaches a browser module that provides

communications access to an unprotected network from a protected network (Summary

and Column 9 lines 28 – 65);

a browser client module that communicates with the browser module (Summary

and Column 9 lines 28 – 65);and

a browser isolator module that analyzes communications between the browser

module and the browser client module, wherein the communication between the

browser module and the browser client module are limited to those communications

necessary for remote operation of the browser module (Summary; Column 9 lines 28 –

65 and Column 10 lines 33 – 48).

5.   Regarding Claim 6, Newman teaches a browser running on a virtual machine

within a protected network (Summary and Column 9 lines 28 – 65);

a border module that tunnels communications from an unprotected network to

the browser via a communications tunnel, wherein only authorized communications are

allowed between the browser and the unprotected network (Summary; Column 9 lines

28 – 65 and Column 10 lines 33 – 48).

6.   Regarding Claim 11, Newman teaches establishing communications between a

browser and a browser client (Summary and Column 9 lines 28 – 65);

inspecting the communications between the browser and the browser client (Summary

and Column 9 lines 28 – 65);

determining if the communications are authorized (Summary and Column 9 lines 28 – 65); and

allowing the authorized communications between the browser and the browser client (Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

7.   Regarding Claim 14, Newman teaches enabling a browser on a virtual machine that is isolated from a protected network (Summary and Column 9 lines 28 – 65); establishing communications with a border module (Summary and Column 9 lines 28 – 65);

tunneling communications from the border module to the browser (Summary and Column 9 lines 28 – 65); and

preventing unauthorized communications from reaching the protected network (Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

8.   Regarding Claim 17, Newman teaches information that establishes communications between a browser and a browser client (Summary and Column 9 lines 28 – 65);

information that inspects the communications between the browser and the browser client (Summary and Column 9 lines 28 – 65);

information that determines if the communications are authorized; and information that allows the authorized communications between the browser

and the browser client (Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

9.   Regarding Claim 18, Newman teaches information that enables a browser on a virtual machine that is isolated from a protected network (Summary and Column 9 lines 28 – 65);

information that establishes communications with a border module (Summary and Column 9 lines 28 – 65);

information that tunnels communications from the border module to the browser (Summary and Column 9 lines 28 – 65); and

information that prevents unauthorized communications from reaching the protected network (Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

10.   Regarding Claim 19, Newman teaches means for providing communications access to an unprotected network from a protected network (Summary and Column 9 lines 28 – 65);

means for communicating with a browser module (Summary and Column 9 lines 28 – 65); and

means for analyzing communications between the browser module and the a browser client module, wherein the communication between the browser module and the browser client module are limited to those communications necessary for remote

operation of the browser module (Summary; Column 9 lines 28 – 65 and Column 10
lines 33 – 48).

11.   Regarding Claim 20, Newman teaches means for running a virtual machine
within a protected network (Summary and Column 9 lines 28 – 65); and

means for tunneling communications from an unprotected network to a browser
running on the virtual machine via a communications tunnel, wherein only authorized
communications are allowed between the browser and the unprotected network
(Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

12.   Claim 2 is rejected as applied above in rejecting Claim 1. Furthermore, Newman
teaches a browser isolator module that is capable of preventing unauthorized
communications between the browser module and the browser client module
(Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

13.   Claim 4 is rejected as applied above in rejecting Claim 1. Furthermore, Newman
teaches the browser module comprises a distributed network browser (Summary and
Column 9 lines 28 – 65).

14.   Claim 5 is rejected as applied above in rejecting Claim 1. Furthermore, Newman
teaches wherein the protected network is isolated from unauthorized communications
received from the unprotected network.

15.   Claim 7 is rejected as applied above in rejecting Claim 6. Furthermore, Newman

teaches comprising a tunnel restrictor module that limits communications from the

border module to the virtual machine to those communications authorized for browser

operability (Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

16.   Claim 8 is rejected as applied above in rejecting Claim 6. Furthermore, Newman

teaches wherein the virtual machine is isolated from the protected network (Summary

and Column 9 lines 28 – 65).

17.   Claims 9 and 16 are rejected as applied above in rejecting Claims 6 and 14.

Furthermore, Newman teaches wherein communications from the unprotected

network are encapsulated and forwarded to the virtual machine (Summary and Column

9 lines 28 – 65).

18.   Claim 10 is rejected as applied above in rejecting Claim 6. Furthermore, Newman

teaches wherein protected information on the protected network is prevented from

reaching the unprotected network (Summary; Column 9 lines 28 – 65 and Column 10

lines 33 – 48).

19.   Claim 12 is rejected as applied above in rejecting Claim 11. Furthermore,

Newman teaches wherein the communication between the browser module and the

browser client module are limited to those communications necessary for remote

operation of the browser module (Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

20.   Claim 15 is rejected as applied above in rejecting Claim 1. Furthermore, Newman teaches further comprising limiting communications from the border module to the virtual machine to those communications authorized for browser operability (Summary and Column 9 lines 28 – 65).

21.   Claims 3 and 13 are rejected as applied above in rejecting Claims 2 and 11. Furthermore, Newman teaches wherein the browser isolator module screens at least one of the following types of information to determine of the communication is authorized: source and destination ports, user information, origination information, host information, destination information, character information, IP address information, display identification, session information, display class, display number, TCP information, and date and/or time information (Summary; Column 9 lines 28 – 65 and Column 10 lines 33 – 48).

Conclusion

22.   Examiner's Note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant, in preparing the responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

23.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO Form 892.

Applicant is urged to consider the references. However, the references should be evaluated by what they suggest to one versed in the art, rather than by their specific disclosure. If applicants are aware of any better prior art than those are cited, they are required to bring the prior art to the attention of the examiner.

24.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on 8:00a.m. To 5:00p.m.. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz

Sheikh can be reached on 571-232-3795. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy
March 11, 2006.
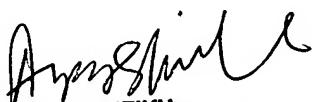
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